

REMARKS**I. Introduction**

Applicants note with appreciation with the indication of allowable subject matter recited by claim 1-10. In response to the Office Action mailed May 7, 2004, Applicants have canceled claims 11-19, without prejudice or disclaimer. Applicants have amended claims 1-4 so as to address the pending objection and rejection under 35 U.S.C. § 112, second paragraph. Applicants have also amended claims 5-10 in the manner suggested by the Examiner so as to address the pending objections thereto. Support for these amendments can be found, for example, in Figs. 1-11 and their corresponding section of the specification. No new matter has been added. Applicants believe that the pending application is in condition for allowance.

Should there remain any outstanding issues that require adverse action, it is respectfully requested that the Examiner telephone the undersigned attorney below so that such issues may be resolved as expeditiously as possible.

II. The Rejection Of Claims 1-4 Under 35 U.S.C. § 112, Second Paragraph

Claims 1-4 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention.

The Examiner asserts that the rejected claims omit “essential structural cooperative relationships of elements, which are connection between the transmitting capacitor, the input switch, the transmitting switch and the signal line.” In an effort to clarify the claimed subject matter and advance the prosecution expeditiously, Applicants have amended claims

1-4 to recite an input switch for supplying an input digital signal to the transmitting capacitor for each preparation period so as to set a voltage, and a transmitting switch for connecting the transmitting capacitor to the signal line for each transmission period so as to generate a small voltage change in the signal line at each transmission period.

It is respectfully submitted that the foregoing amendments to the claims overcome the pending rejection to claims 1-4 under 35 U.S.C. § 112, second paragraph.

III. Conclusion

Accordingly, it is urged that the application is in condition for allowance, an indication of which is respectfully solicited.

If there are any outstanding issues that might be resolved by an interview or an Examiner's amendment, the Examiner is requested to call Applicants' attorney at the telephone number shown below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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Date: July 26, 2004